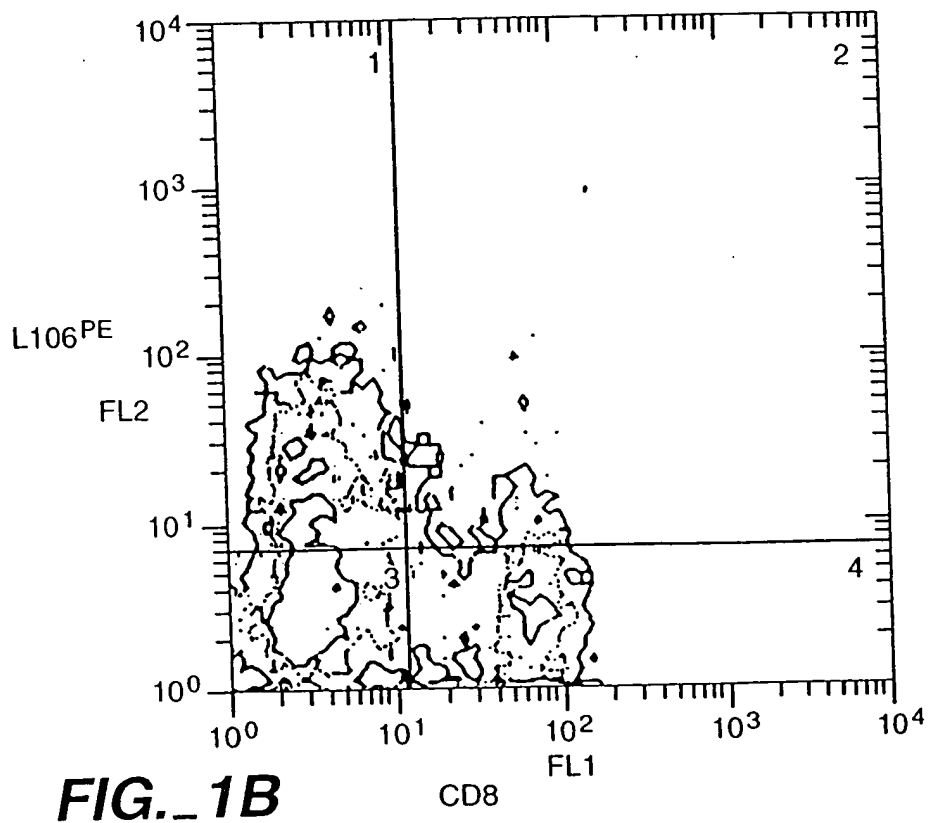
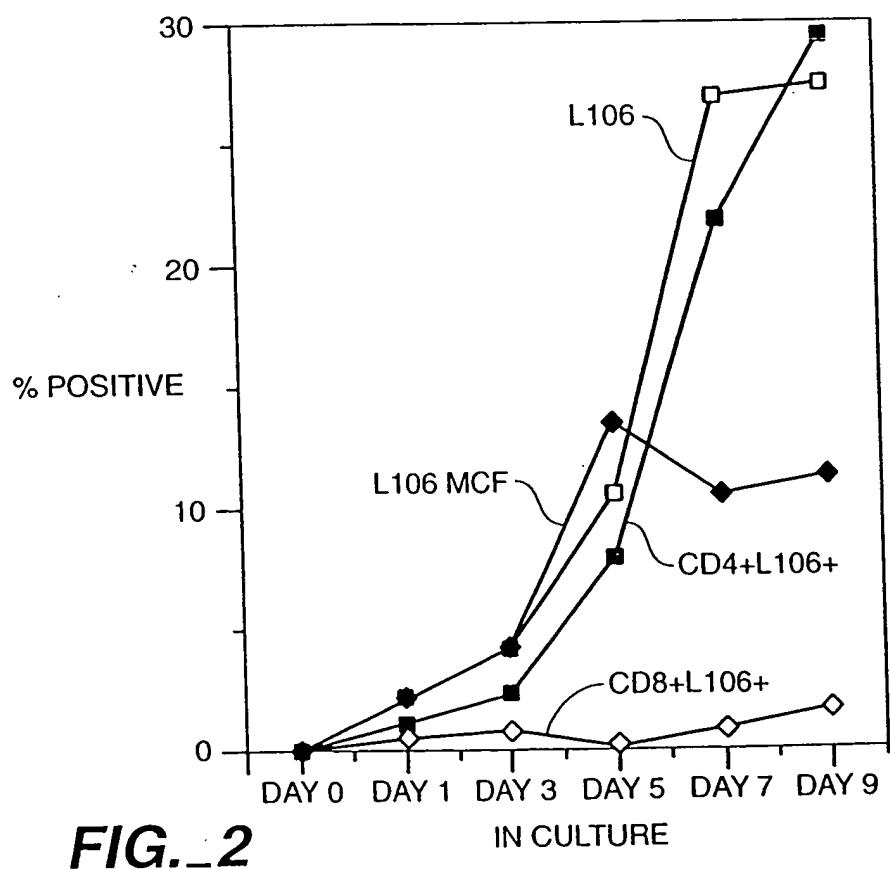
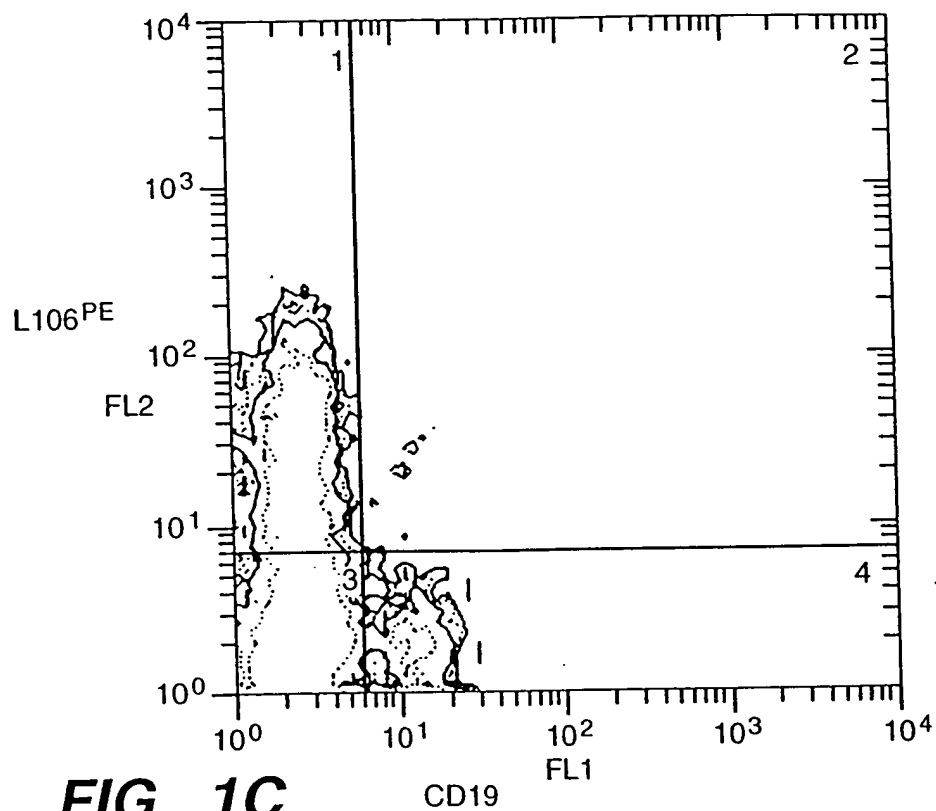
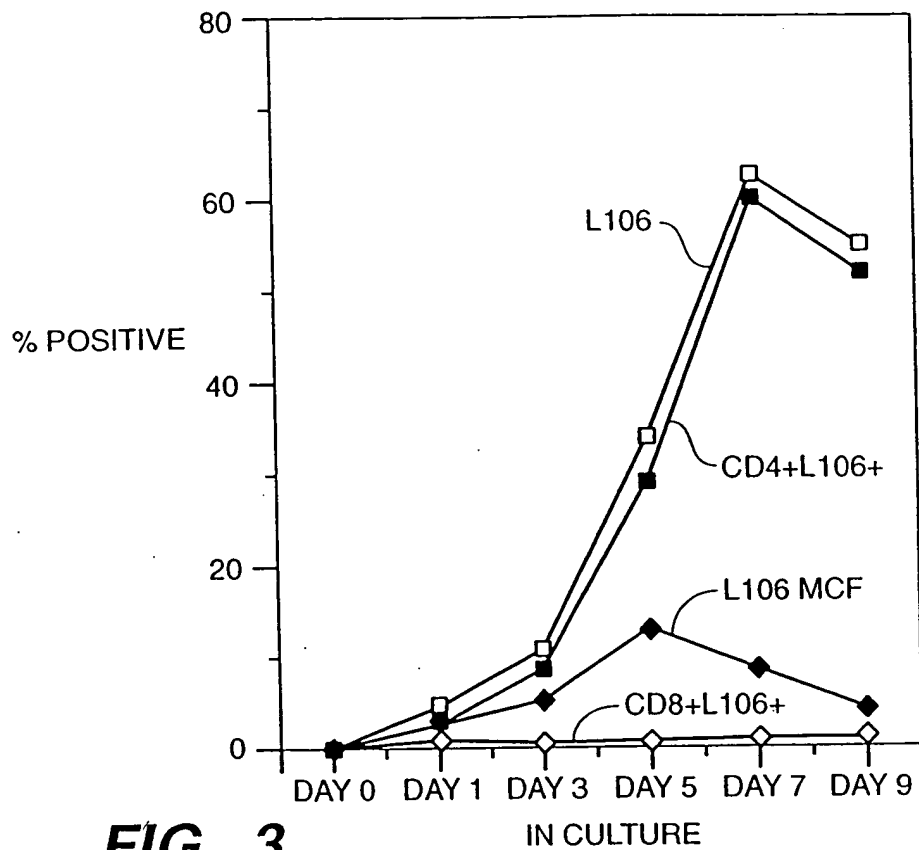
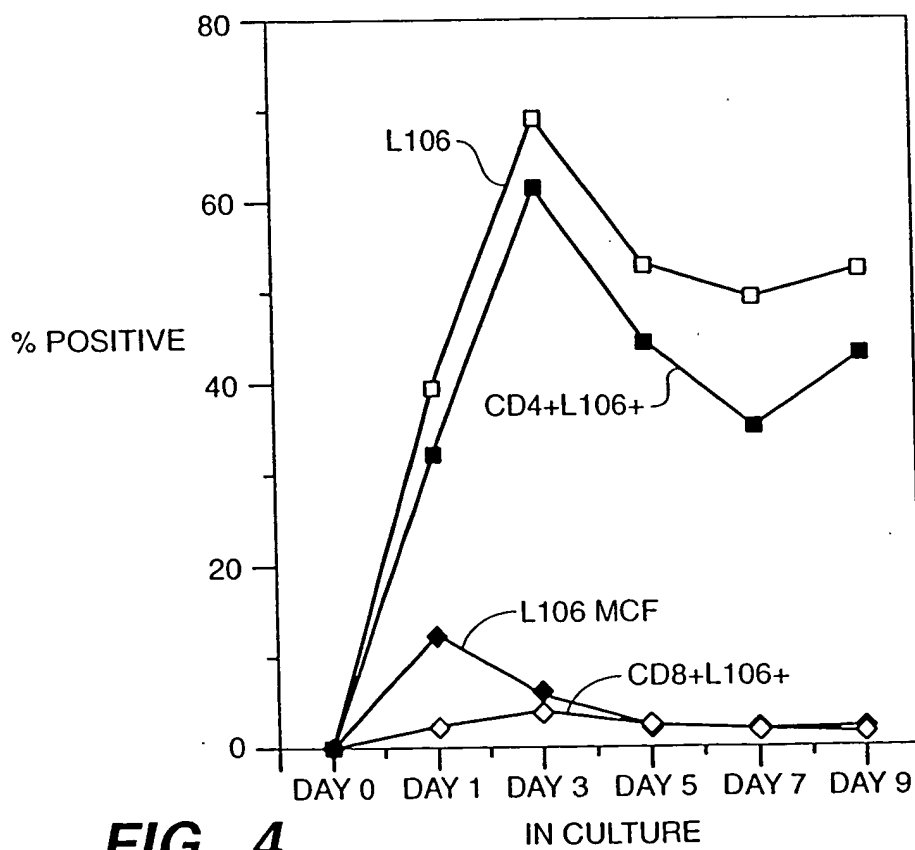
**FIG. 1A****FIG. 1B**



**FIG._3****FIG._4**

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27 54
CA GCA GAG ACG AGG ATG TGC GTG GGG GCT CGG CGG CTG GGC CGC GGG CCG TGT
M C V G A R R L G R G P C

SIGNAL SEQUENCE

135 162
GTC GGG GAC ACC TAC CCC AGC AAC GAC CGG TGC TGC CAC GAG TGC AGG CCA GGC
V G D T Y P S N D R C C H E C R P G

243 270
GGG CCG GGC TTC TAC AAC GAC GTG GTC AGC TCC AAG CCG TGC AAG CCC TGC ACG
G P G F Y N D V V S S K P C K P C T

351 378
GAC ACA GTC TGC CGC TGC CGG GCG GGC ACC CAG CCC CTG GAC AGC TAC AAG CCT
D T V C R C R A G T Q P L D S Y K P

459 486
GCC TGC AAG CCC TGG ACC AAC TGC ACC TTG GCT GGG AAG CAC ACC CTG CAG CCG
A C K P W T N C T L A G K H T L Q P
GLY

567 594
CCC CAG GAG ACC CAG GGC CCC CCG GCC AGG CCC ATC ACT GTC CAG CCC ACT GAA
P Q E T Q G P P A R P I T V Q P T E

675 702
GGC CGT GCG GTT GCC GCC ATC CTG GGC CTG GGC CTG GTG CTG GGG CTG CTG GGC
G R A V A A I L G L G L V L G L L G

TM

783 810
CCC GAT GCC CAC AAG CCC CCT GGG GGA GGC AGT TTC CGG ACC CCC ATC CAA GAG
P D A H K P P G G G S F R T P I Q E

891 918
GTG GAC GCT GGG CCC CGC CAG GCT GGA GCC CGG AGG GTC TGC TGG GCG AGC AGG

999 1026
AGG TGC CGA TGG CTG CCT CCG GCT CTC TGC TTA CGT ATG CCA TGC ATA CCT CCT

FIG. 5A

5 / 9

108

81

GCG GCT CTG CTC CTC CTG GGC CTG GGG CTG AGC ACC GTG ACG GGG CTC CAC TGT
 A A L L L L G L G L S T V T G L H C 31

SIGNAL SEQUENCE ↑ ↑ CLEAVAGE

216

189

AAC GGG ATG GTG AGC CGC TGC AGC CGC TCC CAG AAC ACG GTG TGC CGT CCG TGC
 N G M V S R C S R S Q N T V C R P C 67

324

297

TGG TGT AAC CTC AGA AGT GGG AGT GAG CGG AAG CAG CTG TGC ACG GCC ACA CAG
 W C N L R S G S E R K Q L C T A T Q 103

432

405

GGA GTT GAC TGT GCC CCC TGC CCT CCA GGG CAC TTC TCC CCA GGC GAC AAC CAG
 G V D C A P C P P G H F S P G D N Q 139

540

513

GCC AGC AAT AGC TCG GAC GCA ATC TGT GAG GAC AGG GAC CCC CCA GCC ACG CAG
 A S N S S D A I C E D R D P P A T Q 175

GLY

648

621

GCC TGG CCC AGA ACC TCA CAG GGA CCC TCC ACC CGG CCC GTG GAG GTC CCC GGG
 A W P R T S Q G P S T R P V E V P G 211

756

729

CCC CTG GCC ATC CTG CTG GCC CTG TAC CTG CTC CGG AGG GAC CAG AGG CTG CCC
 P L A I L L A L Y L L R R D Q R L P 247

TM

864

837

GAG CAG GCC GAC GCC CAC TCC ACC CTG GCC AAG ATC TGA CCT GGG CCC ACC AAG
 E Q A D A H S T L A K I • 278

STOP

972

945

GCA GGT GCA GGC CGC CTG CCC CGC CAC GCT CCT GGG CCA ACT CTG CAC CGT TCT

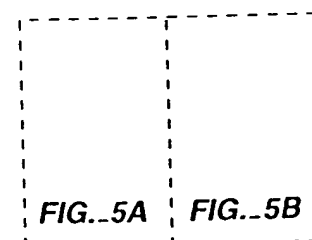
1053

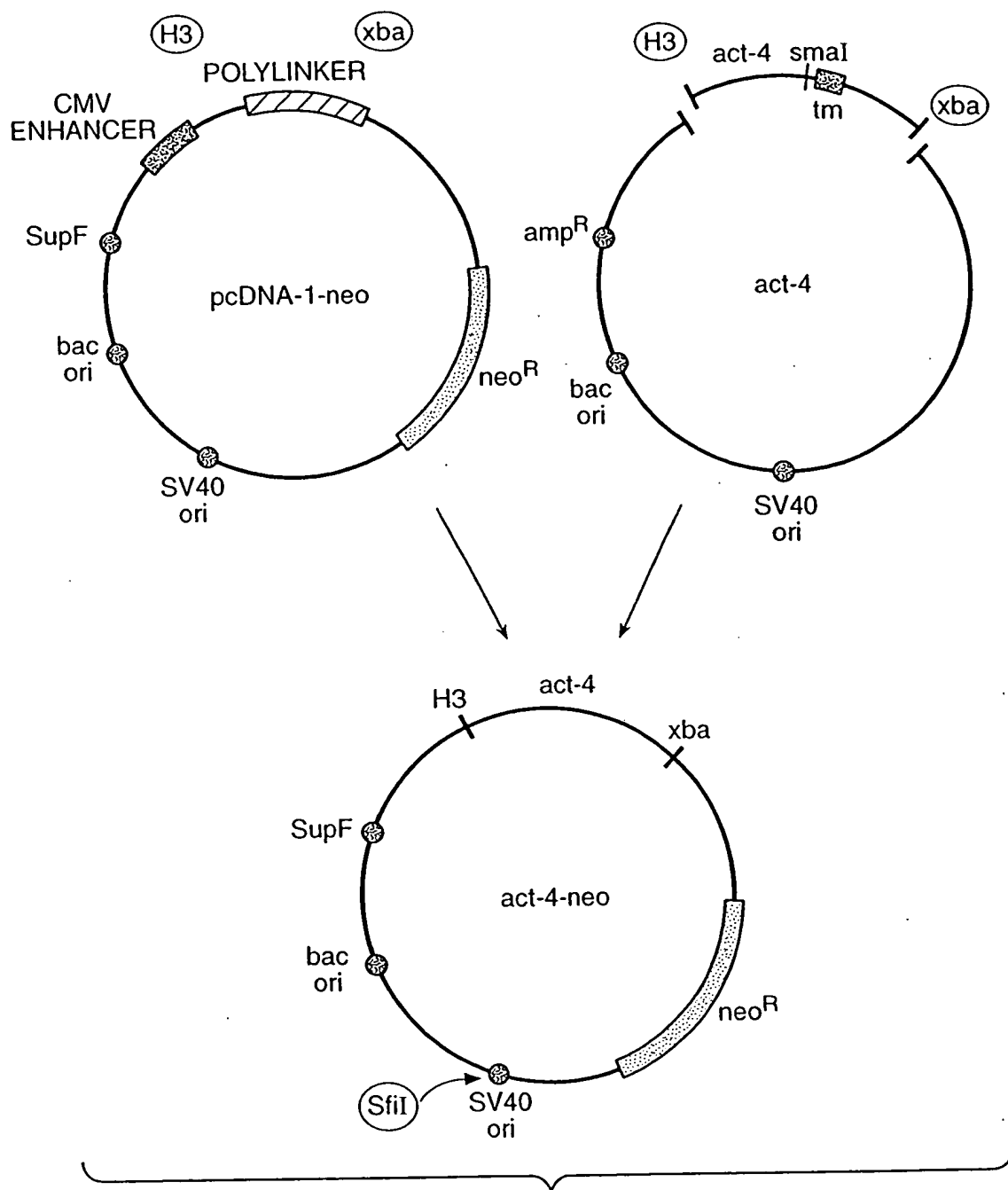
1053

GCC CCG CGG GAC CAC AAT AAA AAC CTT GGC AG
 POLY-A

FIG. 5B

FIG. 5



**FIG._6**

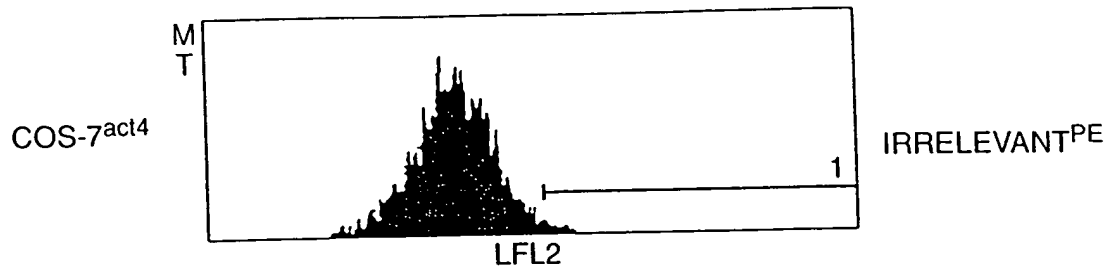


FIG._7A

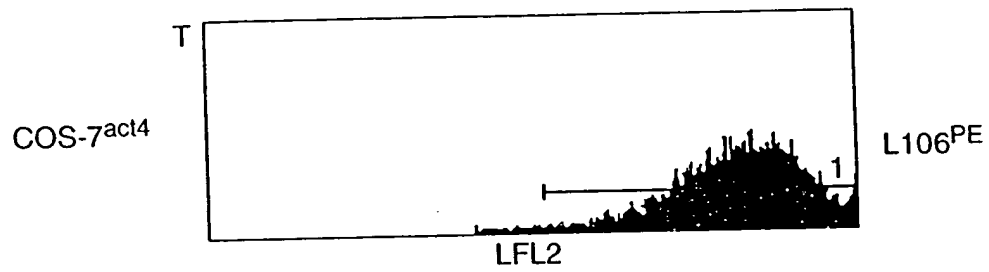


FIG._7B

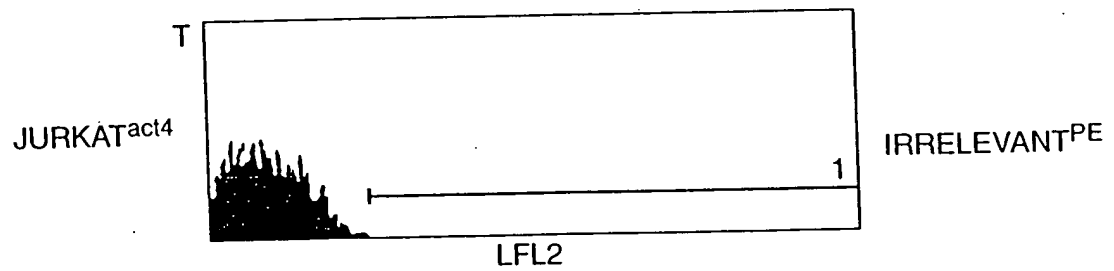


FIG._7C

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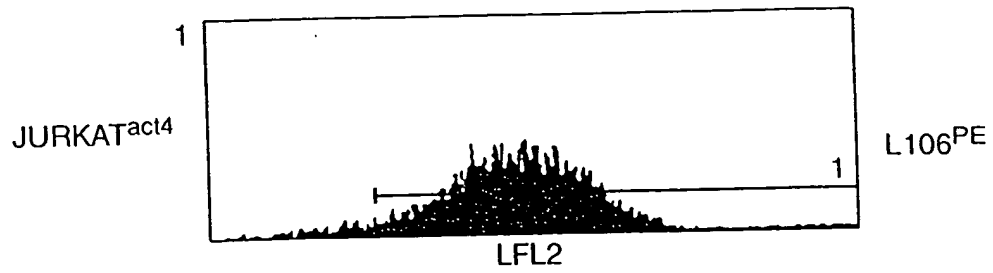


FIG._7D

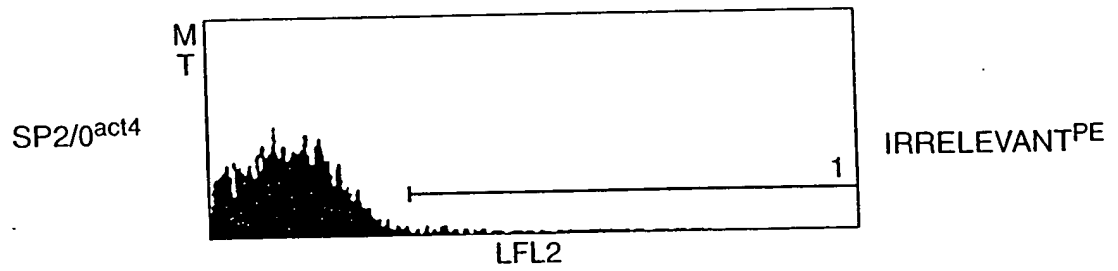


FIG._7E

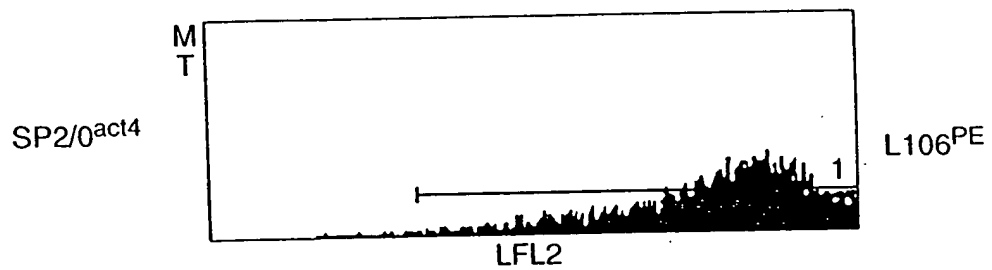


FIG._7F

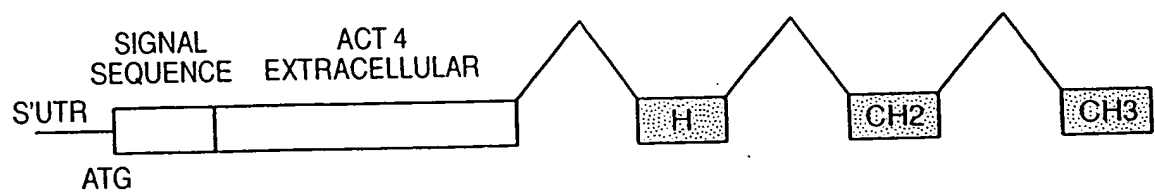
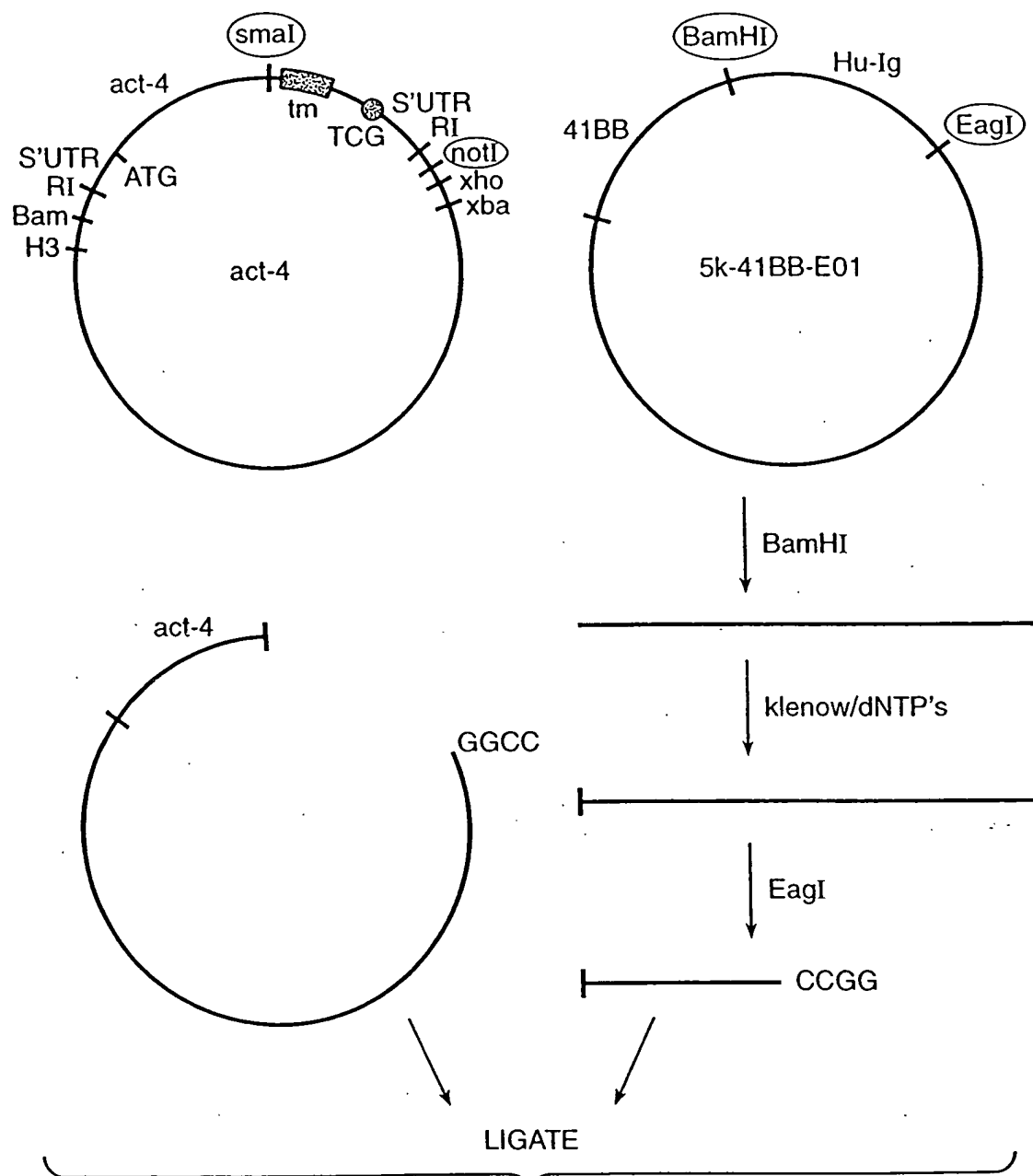


FIG._9

**FIG. 8**